TABLE III

200000000000000000000000000000000000000		034	DATE	05/26/99	
	JOB NUMBER: 990554 ATTN: Attn	LABORATORY I.D: 990554-0034 DATE RECEIVED: 05/26/99 TIME RECEIVED: 12:02 REMARKS:	TEST METHOD	ASTM D-5191	ASTM D-5191 (CARB) ASTM D-5191 (ASTM) ASTM D-5191 ASTM D-5191
			UNITS OF MEASURE		28
LABORATORY TESTS RESULTS 05/28/99		RBOB (GASOLINE)	LIMITSABILUTION	*	0.10 0.10 0.10
LABO			FINAL RESULT		5.82* 6.08 6.73
		C – BASE CARBI 05/26/99 12:02 C		R PRESSURE	IER INSTRUMENT
		CLIENT I.D	TEST DESCRIPTION	REID EQUIVALENT VAPOUR PRESSURE	RVP CARB CALCULATION RVP EPA CALCULATION RVP ASTM CALCULATION PRESSURE TOTAL/GRABNER INSTRUMEN
	JOB	CLIEP DATE TIME WORI	TEST	REID I	RVP C RVP E RVP A PRESI

TABLE IV

	LABOR	LABORATORY TESTS RESULTS 05/28/99			200000000000000000000000000000000000000
JOB NUMBER: 990554			ATTN: Attn	Attn	
CLIENT I.D	BASE	+ 1% ETOH + 1% 25% NEODOL 37.5% OPE 37.5% ATLAS	LABORATORY 1.D: DATE RECEIVED: TIME RECEIVED: REMARKS	F 1.D: 990554-0040 ED: 05/20/99 ED: 16:01 1-500ml amber btl	pt
TEST DESCRIPTION	FINAL RESULT	LIMITS/PDILUTION	FINAL RESULT [LIMITS/DILUTION UNITS OF MEASURE TEST METHOD		DATE
REID EQUIVALENT VAPOUR PRESSURE		*4		ASTM D-5191	05/28/99
RVP CARB CALCULATION RVP EPA CALCULATION RVP ASTM CALCULATION PRESSURE TOTAL/GRABNER INSTRUMENT	6.79 7.04 6.91 7.73	0.0 0.0 0.0 0.0	PS: 18 PS	ASTM D-5191 (CARB) ASTM D-5191 (ASTM) ASTM D-5191	

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TABLE VII

LABORATORY TESTS RESULTS 05/28/99	Attn	LABORATORY I.D: 990554-0043 DATE RECEIVED: 05/27/99 TIME RECEIVED: 16:01 REMARKS: 1-500ml amber btl	E TEST METHOD DATE	ASTM D-5191 05/28/99	ASTM D-5191 (CARB) ASTM D-5191 (ASTM) ASTM D-5191
	ATTN: Attn	LABORATORY I.D. DATE RECEIVED TIME RECEIVED REMARKS	T LIMITS/DILUTION UNITS OF MEASURE	۰,	0.10 0.10 0.10 0.10 PSI PSI
LAB	JOB NUMBER: 990554	(RECHECK) (RECHECK)	FINAL RESULT		7.22 7.47 7.34 8.18
		CARBOB 90/10 (R 05/27/99 16:01 CARBOB 90/10 (R	REID EQUIVALENT VAPOUR PRESSURE	RVP CARB CALCULATION RVP EPA CALCULATION RVP ASTM CALCULATION PRESSURE TOTAL/GRABNER INSTRUMENT	

TABLE VIII

		. btl	05/28/99	_
LABORATORY TESTS RESULTS 05/28/99	tu.	I.D: 990554-0044 ED: 05/27/99 D: 16:01 1-500ml anber btl	TEST METHOD ASTM D-5191 ASTM D-5191 (CARB) ASTM D-5191 (ASTM) ASTM D-5191	_
	ATTN: Attn	LABORATORY 1.D DATE RECEIVED: TIME RECEIVED: REMARKS	#1 *1 *1 *1 *1 *1 *1 *1 *1 *1 *1 *1 *1 *1	
	05/28/99		*1 *1 0.10 0.10 0.10 0.10	
LABO		LN (RECHECK) LN (RECHECK)	6.76 6.88 6.88 7.70	
	JOB NUMBER: 990554	CLIENT I.D	TEST DESCRIPTION REID EQUIVALENT VAPOUR PRESSURE RVP CARB CALCULATION RVP ASTM CALCULATION RVP ASTM CALCULATION PRESSURE TOTAL/GRABNER INSTRUMENT	

TABLE IX

Attn consed ands		ASTM D-5191 05/28/99 ASTM D-5191 (CARB) ASTM D-5191 (EPA) ASTM D-5191 (ASTM) ASTM D-5191 (ASTM)
LABORATORY TESTS RESULTS 05/28/99 JOB NUMBER: 990554 ATTN: Attn	CLIENT I.D	TEST DESCRIPTION REID EQUIVALENT VAPOUR PRESSURE RVP CARB CALCULATION RVP CARB CALCULATION RVP CARB CALCULATION RVP CARB CALCULATION 6.56 0.10 PSI A 6.67 0.10 PSI A A 6.67 0.10 PSI A A A A BRESSURE TOTAL/GRABNER INSTRUMENT 7.48 0.10 PSI A A A B A B A B A B A B A B A B A B A B

Fuel Summary CARB Gasoline vs CARB Gasoline + AAE10 @ 1000ppm

MPG	16.183 17.387 14.586 28.84 29.323 27.373	22.282	MPG	15.935 17.125 14.32 29.035 28.82 27.369	22.101
NMHC g/mile	0.1196 0.1835 0.1108 0.3129 0.0638 0.1511	0.157	NMHC g/mile	0.1479 0.1695 0.1662 0.2846 0.0659 0.1613	0.166 5.70%
CH4 g/mile	0.027 0.03 0.021 0.031 0.008	0.022	CH4 g/mile	0.029 0.028 0.024 0.036 0.008	0.024
CO2 g/mile	524.16 485.79 582.37 289.68 289.58 308.26	413.305	CO2 g/mile	532.46 493.70 592.59 287.52 294.62 308.29	418.199
Nox g/mile	0.239 0.288 0.132 0.372 0.148	0.258	NOx g/mile	0.245 0.287 0.115 0.41 0.129 0.392	0.263
CO g/mlle	1.697 2.744 1.427 3.269 0.772	1.964	CO g/mile	1.586 2.524 1.712 3.416 0.785 1.869	1.982
THC g/mlle	0.151 0.218 0.13 5 0.348 0.073	0.183	THC g/mile	0.18 0.202 0.194 0.326 0.074	0.193 5.66%
Fuel Tested EPA-75	CARB Base, Seq#1 CARB Base, Seq#1 CARB Base, Seq#1 CARB Base, Seq#1 CARB Base, Seq#1	Average	Fuel Tested EPA-75	CARB + AAE10, Seq#2	Average Deviation +/-
Vehicle	1993 Ford Explorer 1996 GMC Jimmy 1998 Dodge Ram 1991 Geo Prizm 1996 Nissan Sentra		Vehicle	1993 Ford Explorer 1996 GMC Jimmy 1998 Dodge Ram 1991 Geo Prizm 1996 Nissan Sentra	
Test No.	5736 5736 5675 5682 5736 5734		Test No.	5691 5684 5686 5700 5745	

Fuel Summary EPA vs EPA + AAE10 @ 1000ppm

TABLE XI

WPG	15.682 16.893 14.103 28.328 28.318 26.562	21.648	MPG	15.808 16.848 14.123 28.235 28.146 26.729	0.00%
NMHC g/mile	0.1743 0.1947 0.1965 0.2878 0.1514	0.205	NMHC g/mile	0.1804 0.2711 0.2521 0.3268 0.1697 0.2712	
CH4 g/mile	0.043 0.042 0.046 0.035 0.012	0.034	CH4 g/mile	0.048 0.046 0.056 0.034 0.014 0.025	10.16%
CO2 g/mile	539.82 499.87 600.43 294.90 299.19 315.84	425.009	CO2 g/mile	534.78 500.54 598.06 294.89 300.57 313.13	-0.32%
Nox g/mile	0.34 0.453 0.19 0.208 0.333	0.328	NOx g/mile	0.351 0.517 0.227 0.519 0.187 0.371	10.27%
CO g/mile	2.316 2.882 2.466 3.392 1.038 2.952	2.508	CO g/mile	2.744 3.141 3.308 3.952 1.299 3.308	17.99%
THC g/mlle	0.223 0.242 0.249 0.327 0.165	0.243	THC g/mile	0.234 0.324 0.315 0.365 0.185 0.30	18.00%
Fuel Tested EPA-75	EPA Base, Seq#3	Average	Fuel Tested EPA-75	EPA + AAE10, Seq#4	Deviation +/-
Vehicle	1993 Ford Explorer 1996 GMC Jimmy 1998 Dodge Ram 1991 Geo Prizm 1996 Nissan Sentra 1994 Nissan Sentra		Vehicle	1993 Ford Explorer 1996 GMC Jimmy 1998 Dodge Ram 1991 Geo Prizm 1996 Nissan Sentra 1994 Nissan Sentra	
Test No.	5706 5693 5692 5768 5752		Test No.	5709 5701 5702 5717 5758 5759	

Fuel Summary Gasohol vs Gasohol + AAE00 @ 4600ppm

10/10

MPG	16.336 17.083 14.367 29.549 28.706 27.056	22.183	MPG	16.472 17.351 14.351 29.866 28.814 26.842	22.282
NMHC g/mlle	0.1275 0.1765 0.1655 0.2309 0.1046	0.162	NMHC g/mile	0.1312 0.1938 0.1733 0.2436 0.0848 0.1492	0.163
CH4 g/mile	0.033 0.037 0.047 0.037 0.012	0.032	CH4 g/mile	0.035 0.033 0.044 0.035 0.01	0.029
CO2 g/mile	519.43 495.15 589.97 283.54 295.48 311.28	415.807	CO2 g/mile	515.20 488.00 590.74 280.95 294.61 314.49	413.998
Nox g/mile	0.251 0.342 0.194 0.452 0.175	0.30	NOx g/mile	0.26 0.30 0.156 0.443 0.135	0.279
CO g/mile	1.545 2.359 2.102 3.804 0.907 2.237	1.992	CO g/mile	1.48 1.972 2.04 2.478 0.793 1.846	1.768
THC g/mile	0.165 0.219 0.273 0.118 0.194	0.198	THC g/mile	0.17 0.231 0.223 0.283 0.096 0.17	0.196
Fuel Tested EPA-75	Gasohol Base, Seq#5 Gasohol Base, Seq#5 Gasohol Base, Seq#5 Gasohol Base, Seq#5 Gasohol Base, Seq#5	Average	Fuel Tested EPA-75	Gasohol + AAE00, Seq#6 Gasohol + AAE00, Seq#6 Gasohol + AAE00, Seq#6 Gasohol + AAE00, Seq#6 Gasohol + AAE00, Seq#6	Average Deviation +/-
Vehicle	1993 Ford Explorer 1996 GMC Jimmy 1998 Dodge Ram 1991 Geo Prizm 1996 Nissan Sentra		Vehicle	1993 Ford Explorer 1996 GMC Jimmy 1998 Dodge Ram 1991 Geo Prizm 1996 Nissan Sentra 1994 Nissan Sentra	
Test No.	5722 5711 5710 5727 5727 5764 5766		Test No.	5726 5770 5718 5735 5770 5769	